

**EXPERT SYSTEM AND METHOD FOR CREATING AN EMBROIDERED FABRIC****Abstract of the Disclosure**

An expert system and method for assisting an operator in analyzing an embroidery design which will be used by an embroidery machine to create an embroidered fabric. A knowledge base of parameters relates to embroidery designs. A rules base of rules interrelates the parameters. Selection software designates defined parameters. Analysis software applies the rules to defined parameters and generates recommended parameters as a function of the defined parameters. Comments, photographs or multimedia presentations may be provided to the operator associated with one or more of the parameters. Display software provides a display of the selected parameter, the defined parameter, the one or more recommended parameters and comments, photographs, or multimedia presentations which are a function of the parameters.

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